

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086848.D
 Acq On : 10 May 2016 4:16
 Operator : UM/SJ
 Sample : H2895-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP15-3-5FT

Manual Integrations
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 5/10/2016 11:06:15 AM

Quant Time: May 10 05:43:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	156692	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	663295	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	301200	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	561368	20.00	ng	0.00
75) Chrysene-d12	13.83	240	323873	20.00	ng	-0.01
86) Perylene-d12	15.21	264	340784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1270121	137.27	ng	0.01
7) Phenol-d6	6.35	99	1564312	126.50	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1058702	80.15	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	391146	122.67	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1172909	65.45	ng	0.00
78) Terphenyl-d14	12.78	244	783024	51.30	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	240898	10.48	ng	98
74) Fluoranthene	12.41	202	147042	4.77	ng	99
77) Pyrene	12.64	202	141101	5.69	ng	98
80) Benzo(a)anthracene	13.81	228	69149m	3.80	ng	
82) Chrysene	13.86	228	59906	3.24	ng	95
85) Indeno(1,2,3-cd)pyrene	16.49	276	45877	2.98	ng	# 87
87) Benzo(b)fluoranthene	14.83	252	95745m	4.32	ng	
89) Benzo(a)pyrene	15.15	252	68244	3.57	ng	# 93
91) Benzo(g,h,i)perylene	16.88	276	41314	2.53	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

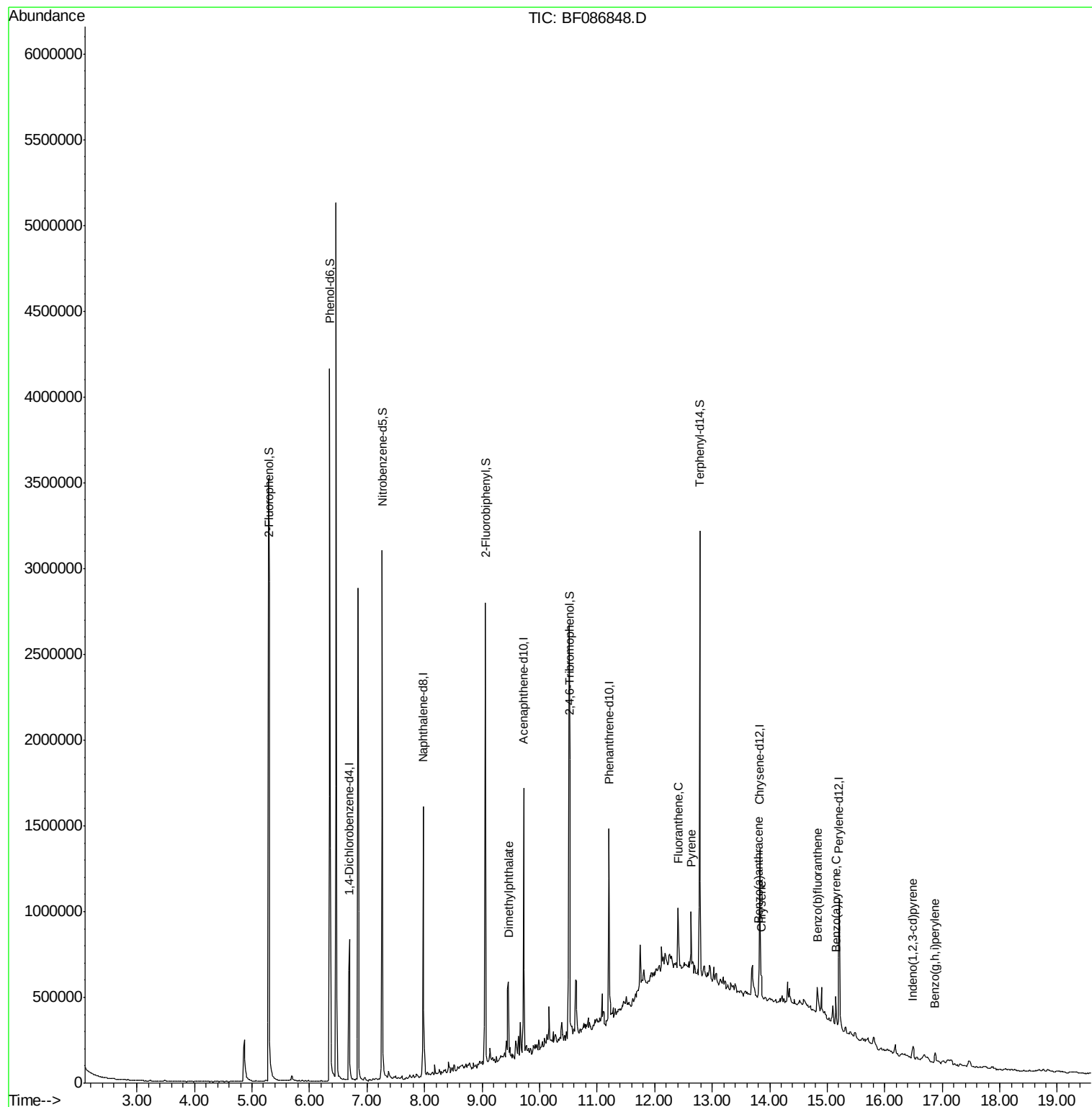
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086848.D
Acq On : 10 May 2016 4:16
Operator : UM/SJ
Sample : H2895-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

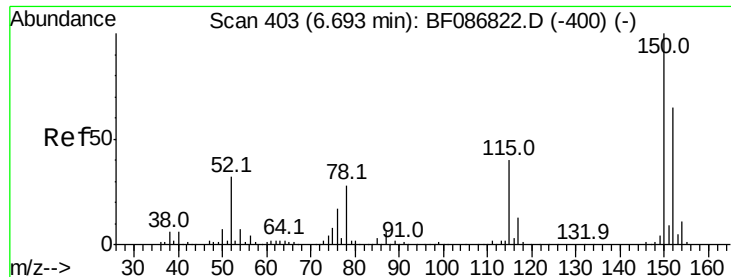
Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

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Quant Time: May 10 05:43:59 2016
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF086848.D

Acq: 10 May 2016 4:16

Instrument :

BNA_F

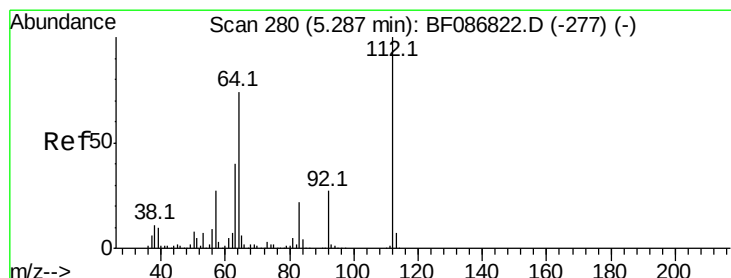
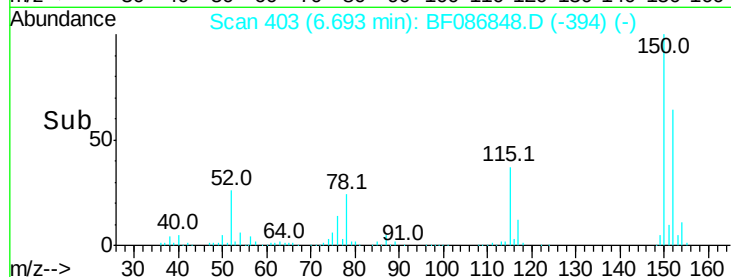
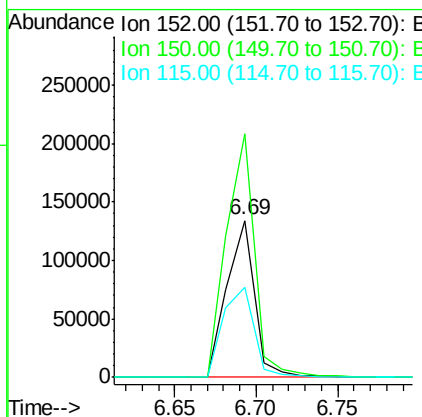
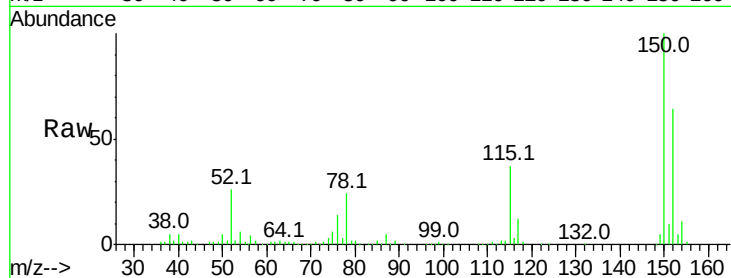
ClientSampleId :

TP15-3-5FT

Tot Ion:	152	Resp:	156692
Ion Ratio	Lower	Upper	
152	100		
150	155.2	125.8	188.6
115	57.5	51.5	77.3

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#5

2-Fluorophenol

Concen: 137.27 ng

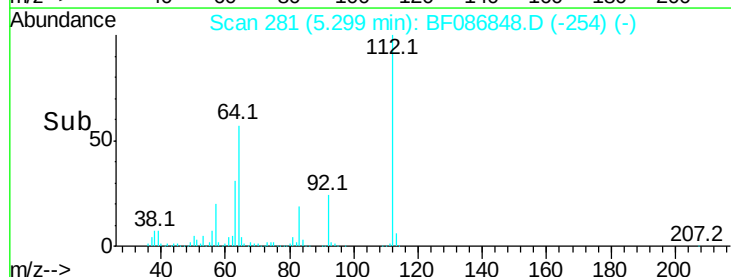
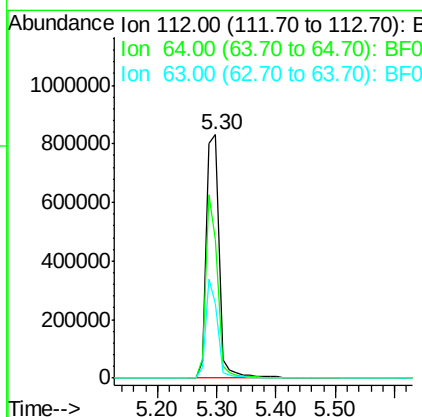
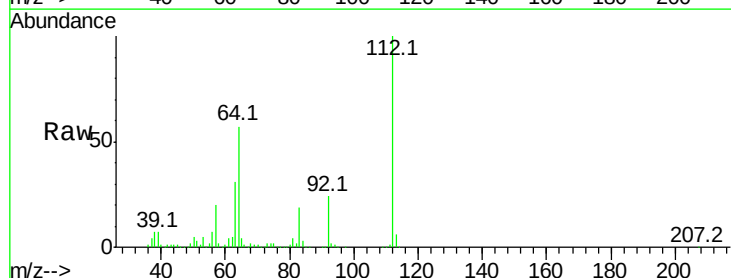
RT: 5.30 min Scan# 281

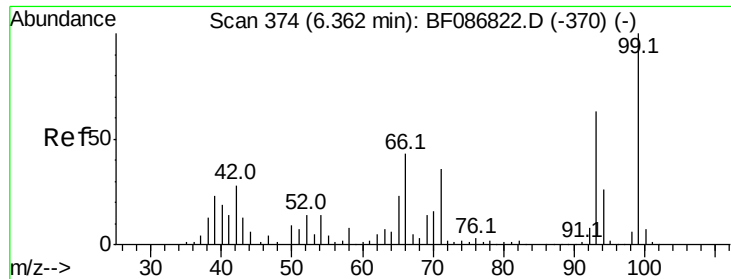
Delta R.T. 0.01 min

Lab File: BF086848.D

Acq: 10 May 2016 4:16

Tgt Ion:	112	Resp:	1270121
Ion Ratio	Lower	Upper	
112	100		
64	57.1	52.1	78.1
63	30.8	25.7	38.5





#7

Phenol-d6

Concen: 126.50 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086848.D

Acq: 10 May 2016 4:16

Instrument :

BNA_F

ClientSampleId :

TP15-3-5FT

Tot Ion: 99 Resp: 1564312

Ion Ratio Lower Upper

99 100

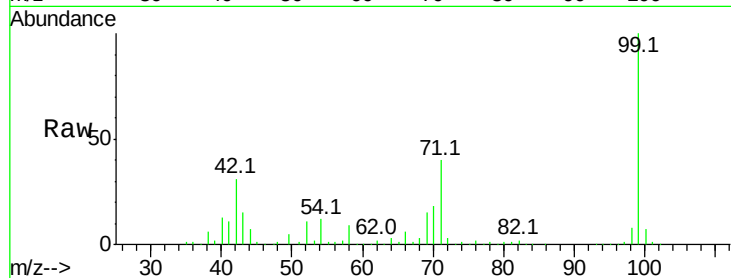
42 31.3 13.6 20.4#

71 40.3 24.6 36.8#

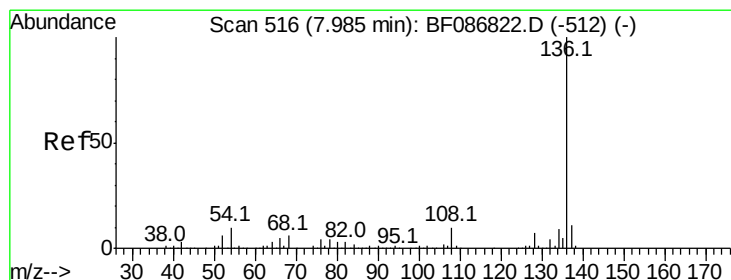
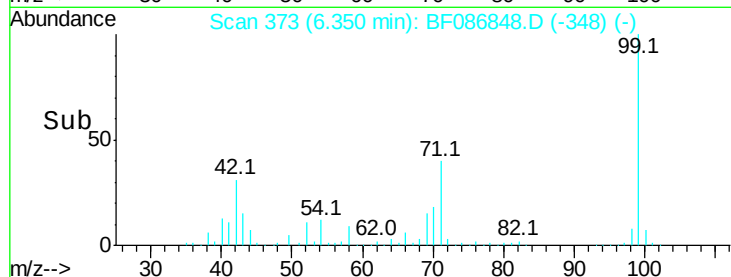
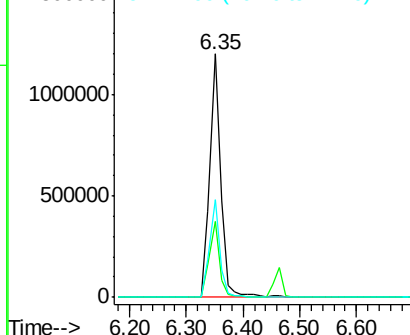
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086848.D

Acq: 10 May 2016 4:16

Tgt Ion: 136 Resp: 663295

Ion Ratio Lower Upper

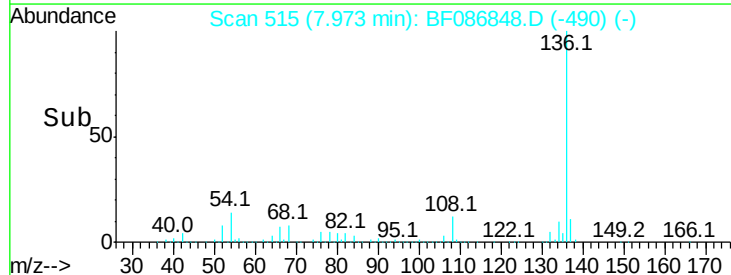
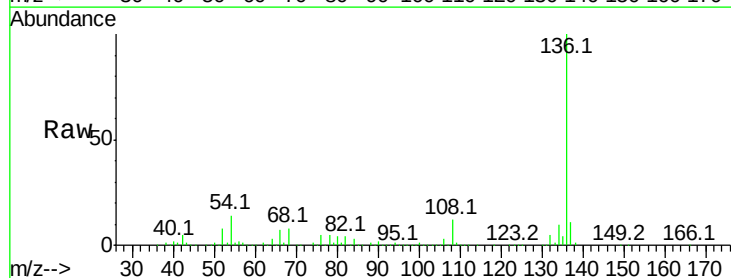
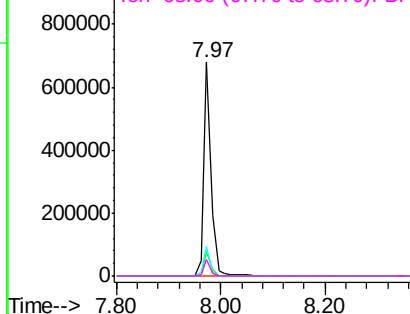
136 100

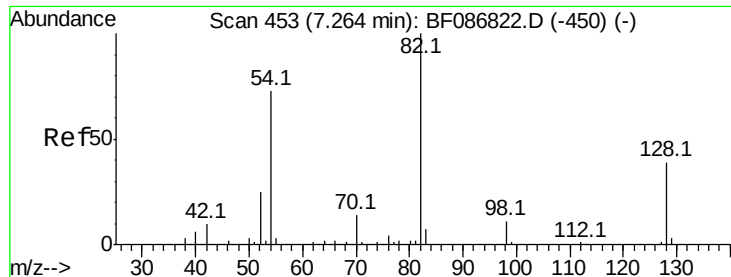
137 11.2 8.8 13.2

54 14.1 5.0 7.4#

68 7.7 4.4 6.6#

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





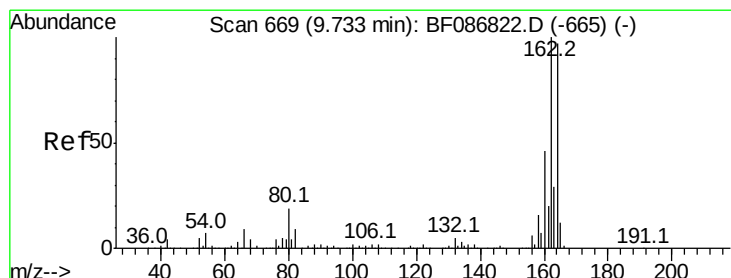
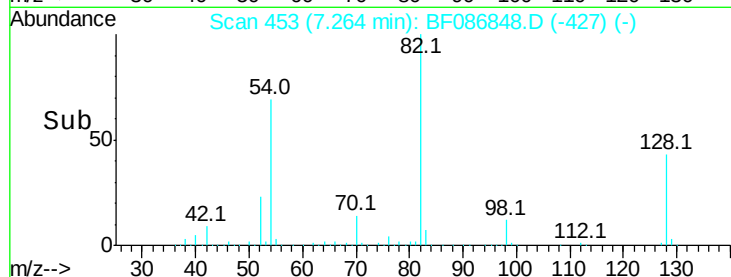
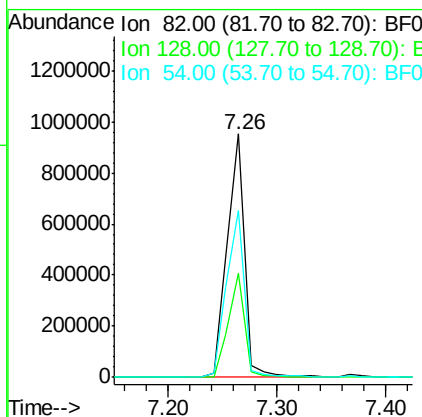
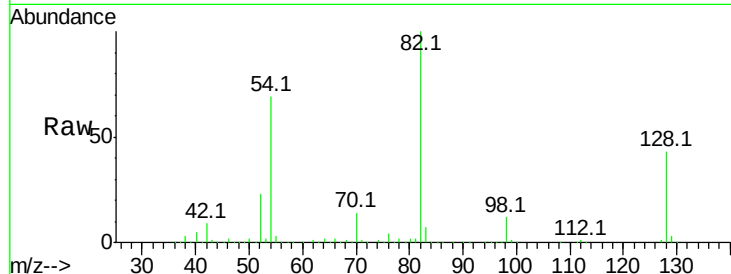
#23
Nitrobenzene-d5
Concen: 80.15 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	40.6	61.0
54	68.7	38.1	57.1

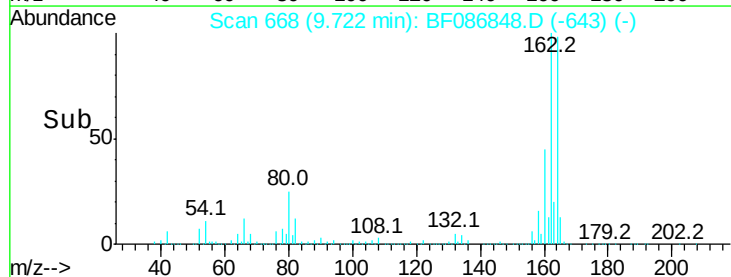
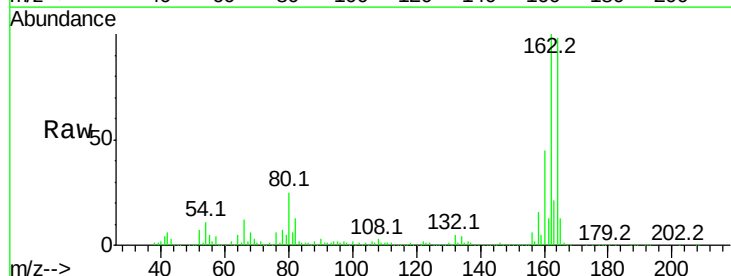
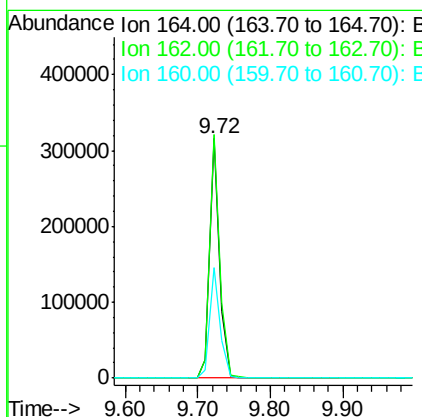
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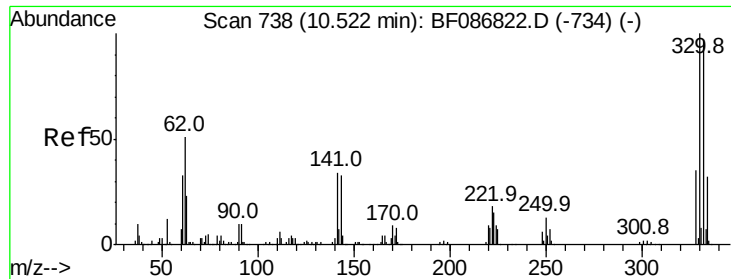
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.8	124.2
160	46.1	36.9	55.3





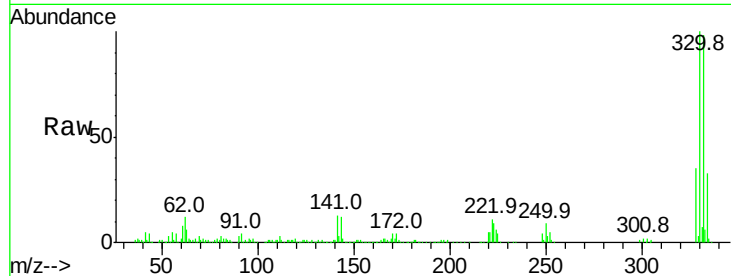
#41
 2,4,6-Tribromophenol
 Concen: 122.67 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086848.D
 Acq: 10 May 2016 4:16

Instrument :
 BNA_F
 ClientSampleId :
 TP15-3-5FT

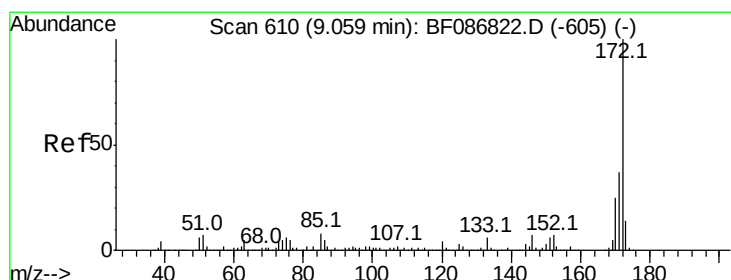
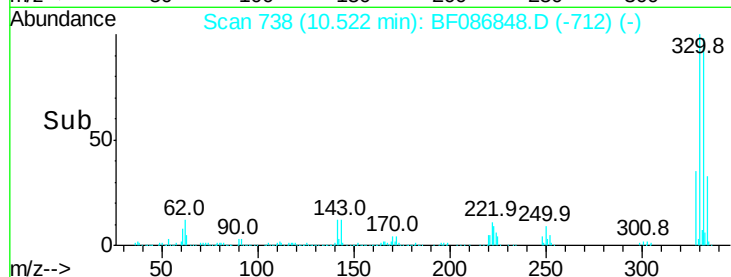
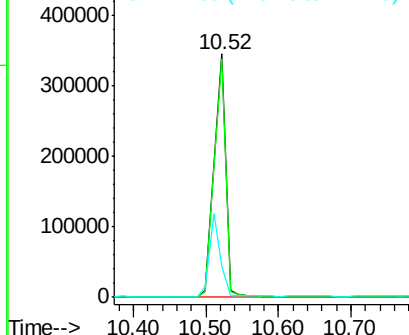
Tot Ion	Ratio	Resp	Lower	Upper
330	100	391146		
332	97.7	79.0	118.4	
141	32.2	31.2	46.8	

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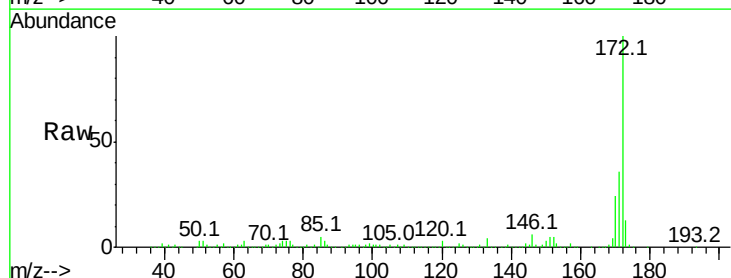


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

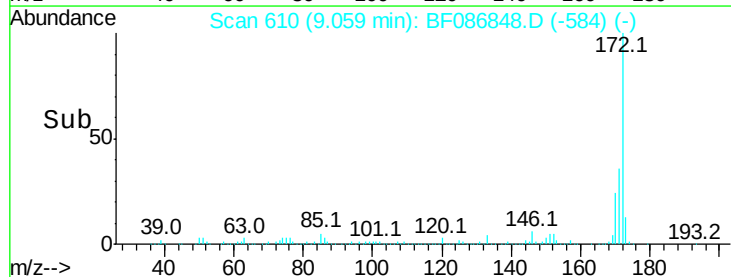
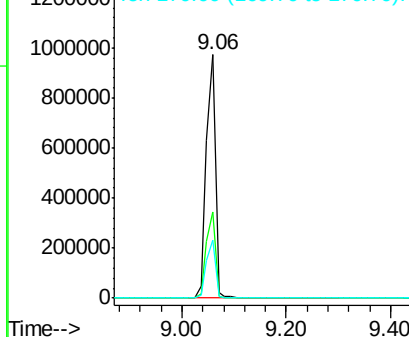


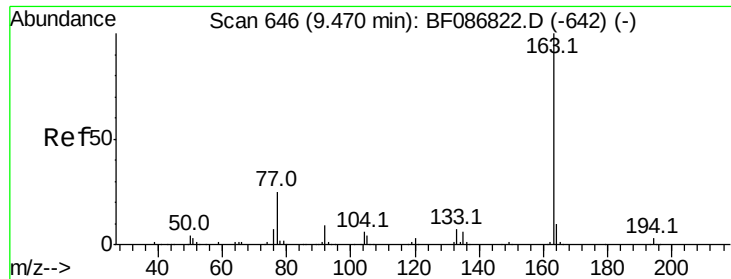
#44
 2-Fluorobiphenyl
 Concen: 65.45 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086848.D
 Acq: 10 May 2016 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1172909		
171	35.6	29.0	43.6	
170	23.9	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





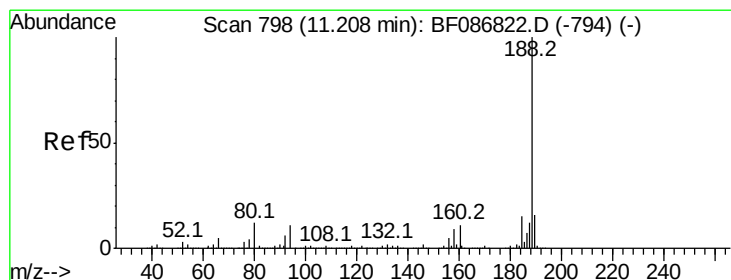
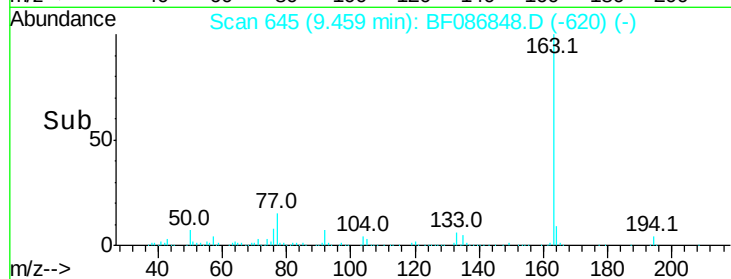
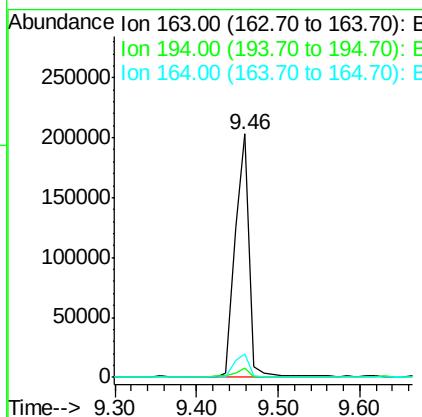
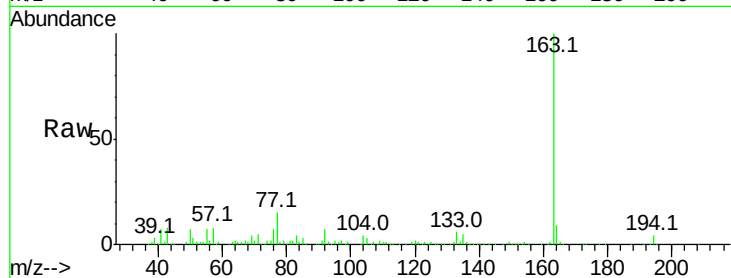
#49
Dimethylphthalate
Concen: 10.48 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Tot Ion:	163	Resp:	240898
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.6	4.0
164	9.4	8.2	12.4

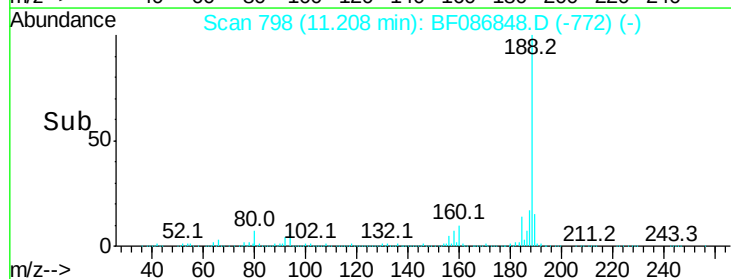
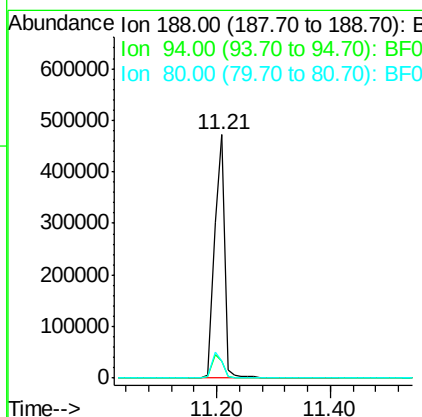
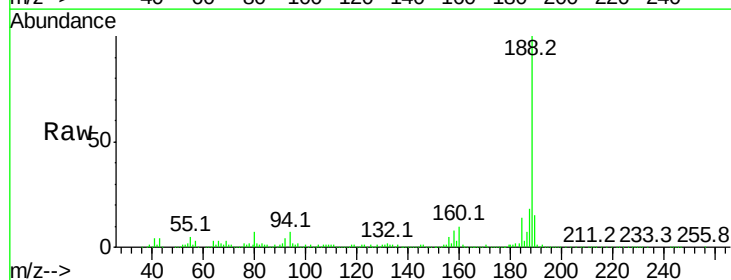
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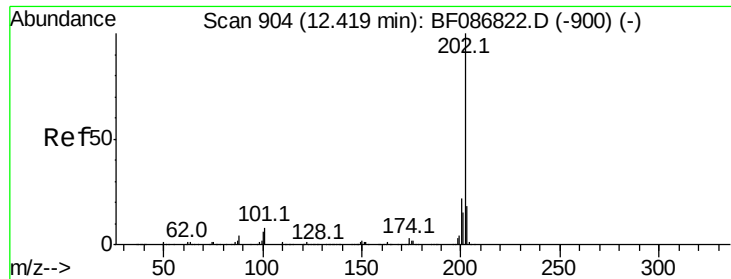
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Tgt Ion:	188	Resp:	561368
Ion Ratio	Lower	Upper	
188	100		
94	7.2	6.8	10.2
80	7.1	7.1	10.7#





#74

Fluoranthene

Concen: 4.77 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086848.D

Acq: 10 May 2016 4:16

Instrument :

BNA_F

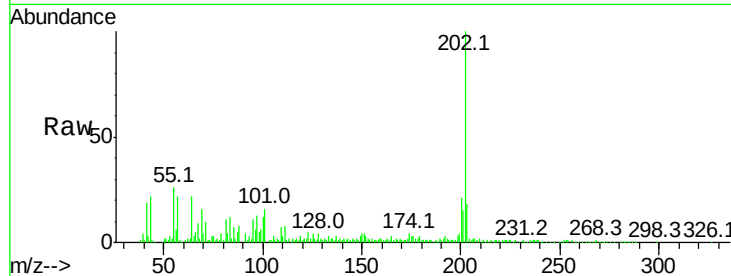
ClientSampleId :

TP15-3-5FT

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.1	0.0	35.4
203	18.2	0.0	38.1

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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.41

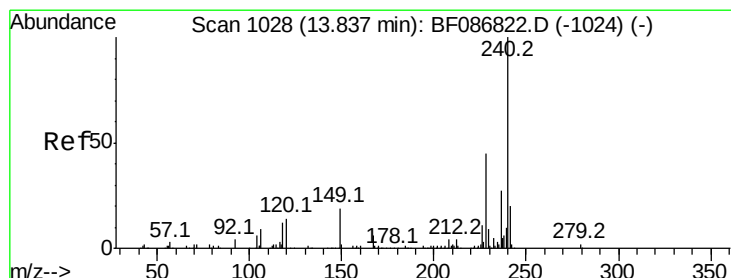
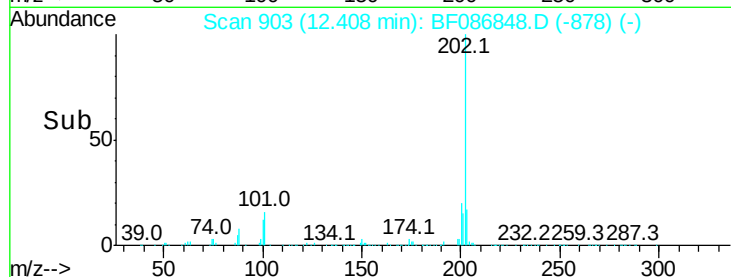
150000

100000

50000

0

Time--> 12.35 12.40 12.45 12.50



#75

Chrysene-d12

Concen: 20.00 ng

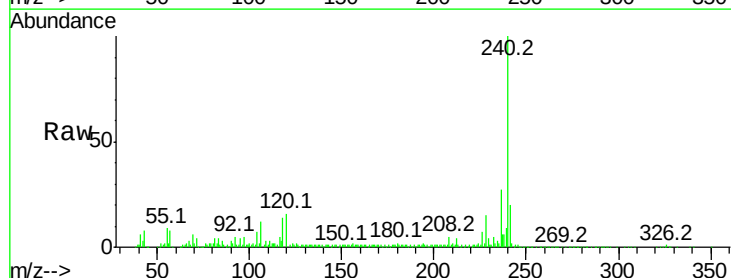
RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086848.D

Acq: 10 May 2016 4:16

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.6	11.2	16.8
236	27.2	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.83

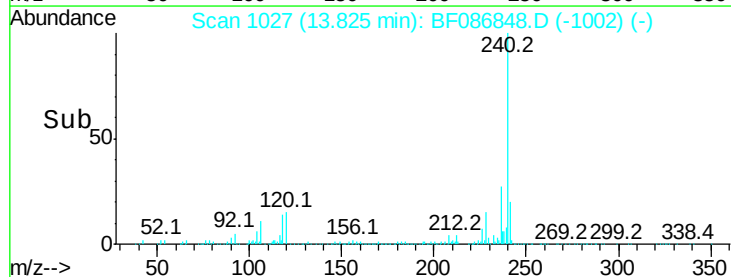
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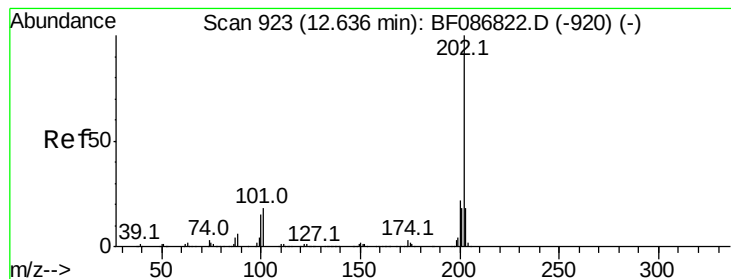
200000

100000

0

Time--> 13.70 13.80 13.90 14.00





#77

Pvrene

Concen: 5.69 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF086848.D

Acq: 10 May 2016 4:16

Instrument :

BNA_F

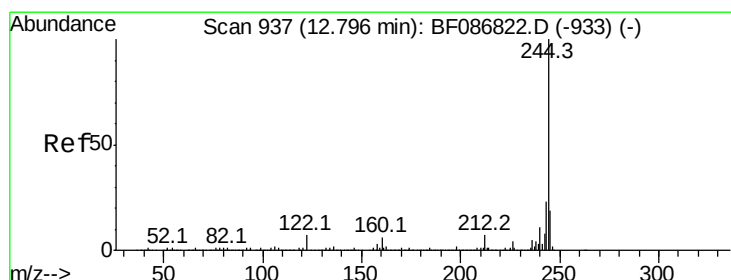
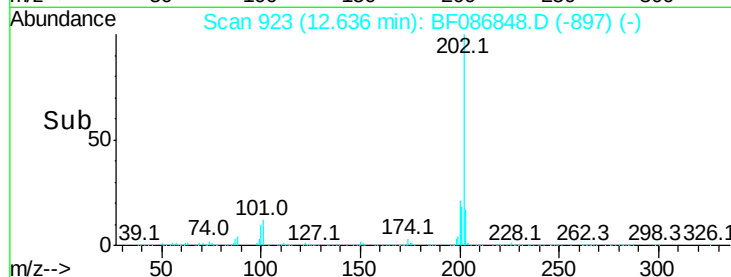
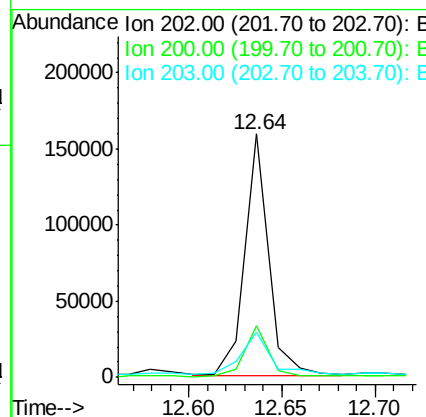
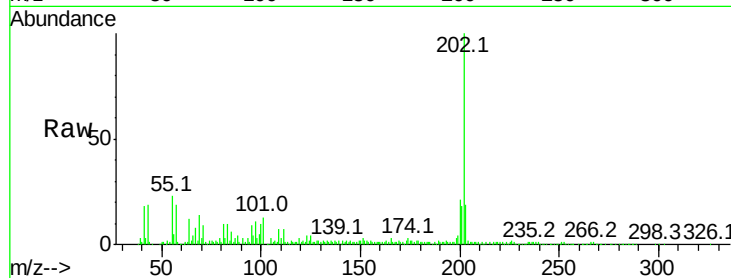
ClientSampleId :

TP15-3-5FT

Tot Ion:	202	Resp:	141101
Ion Ratio		Lower	Upper
202	100		
200	21.1	17.7	26.5
203	18.5	14.2	21.4

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#78

Terphenyl-d14

Concen: 51.30 ng

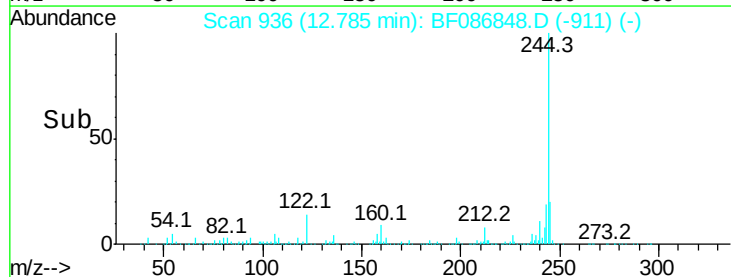
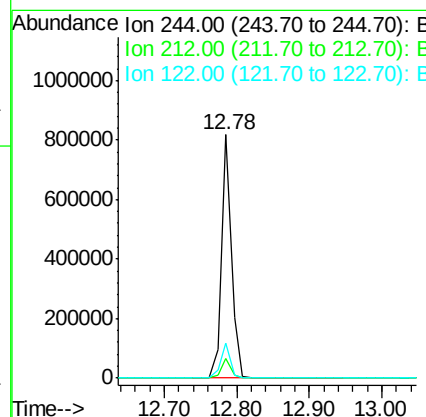
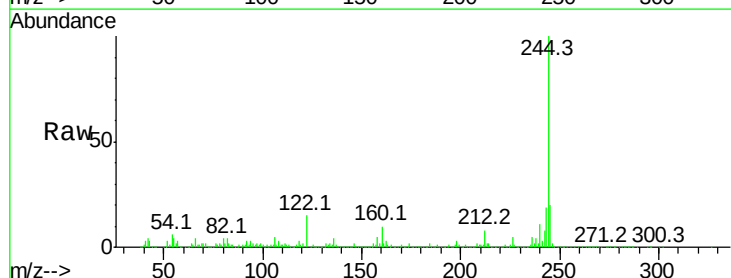
RT: 12.78 min Scan# 936

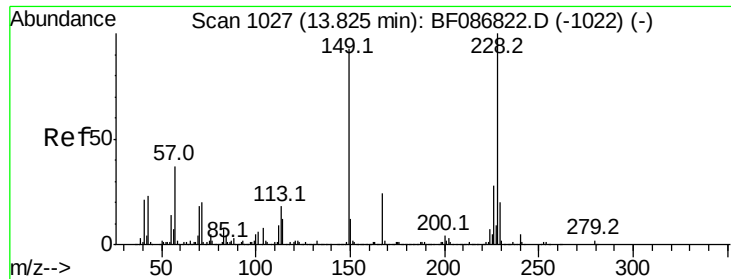
Delta R.T. -0.01 min

Lab File: BF086848.D

Acq: 10 May 2016 4:16

Tgt Ion:	244	Resp:	783024
Ion Ratio		Lower	Upper
244	100		
212	8.0	6.2	9.2
122	14.6	12.0	18.0





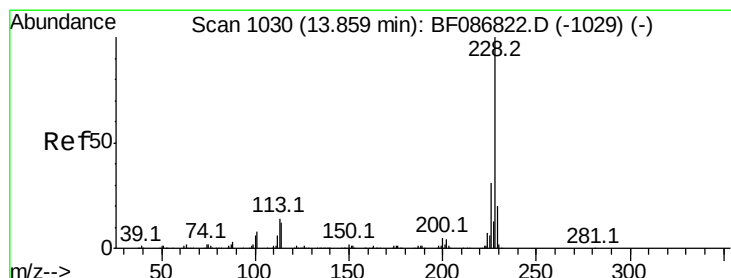
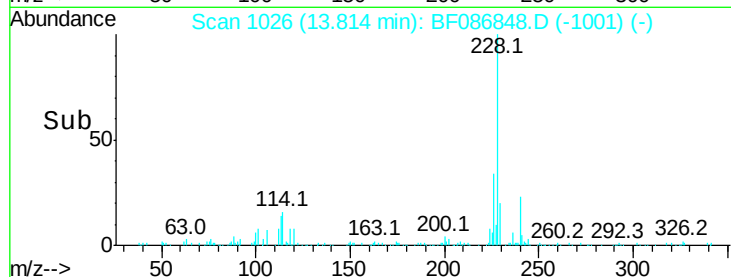
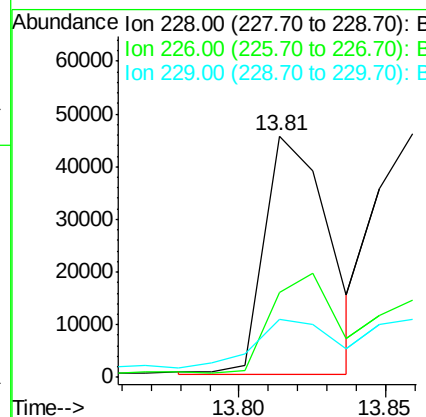
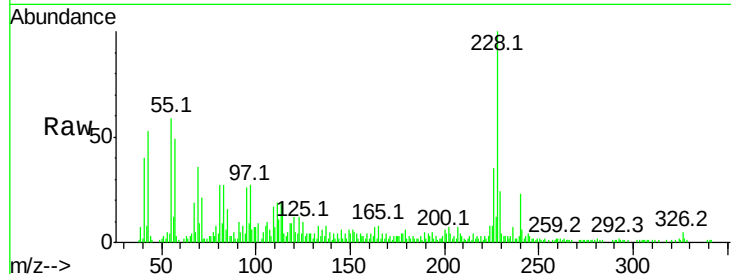
#80
Benzo(a)anthracene
Concen: 3.80 ng m
RT: 13.81 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.2	22.5	33.7#
229	24.1	16.6	25.0

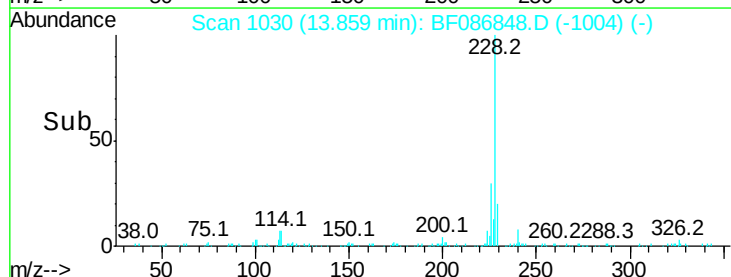
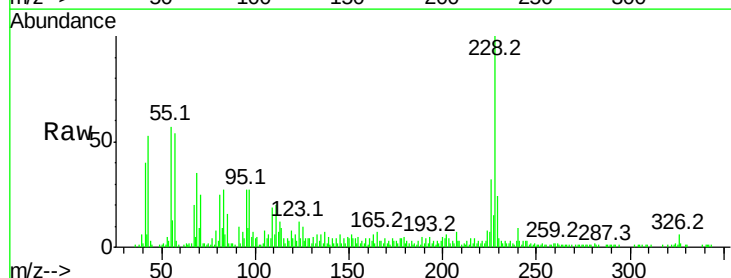
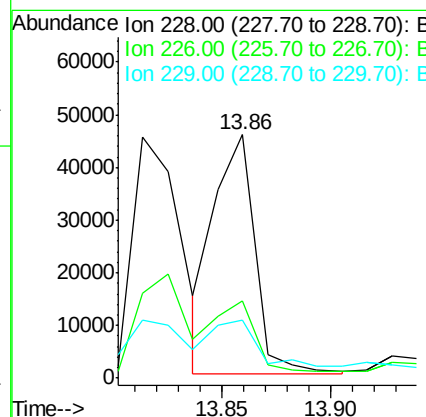
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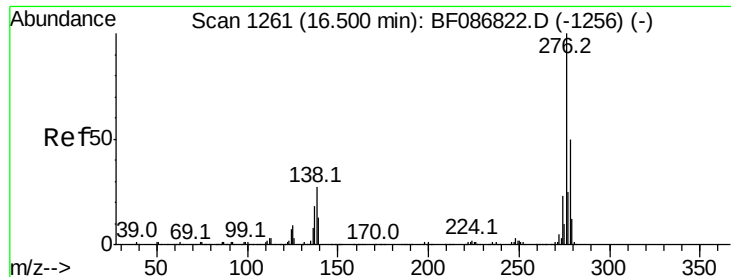
sohil
5/10/2016 11:06:15 AM



#82
Chrysene
Concen: 3.24 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.4	36.6
229	23.7	15.8	23.8





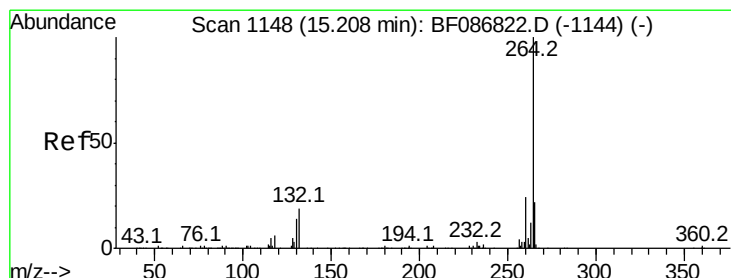
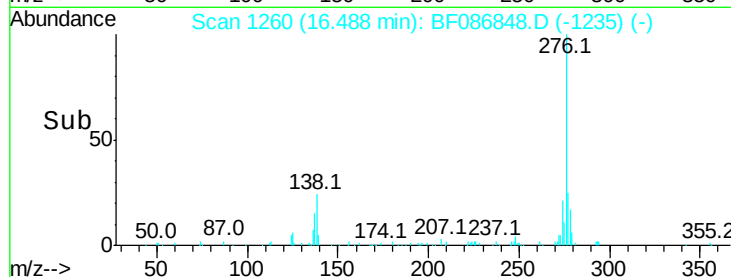
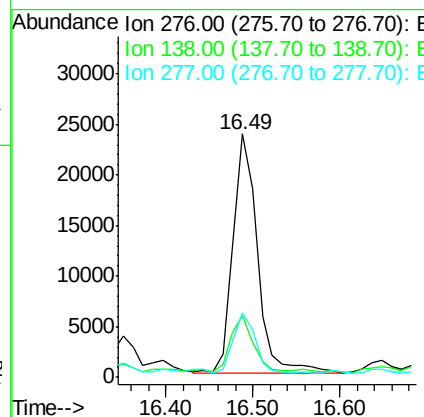
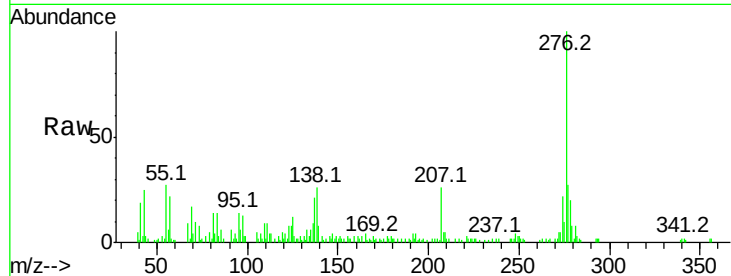
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.98 ng
 RT: 16.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF086848.D
 Acq: 10 May 2016 4:16

Instrument :
 BNA_F
 ClientSampleId :
 TP15-3-5FT

Tot Ion:	276	Resp:	45877
Ion Ratio	Lower	Upper	
276	100		
138	20.7	25.6	38.4#
277	23.3	20.5	30.7

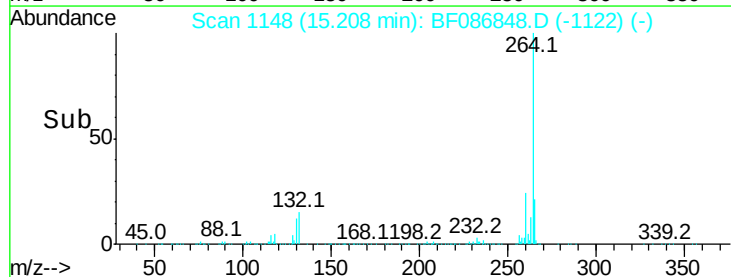
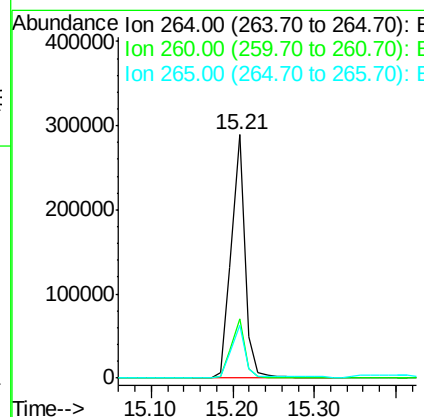
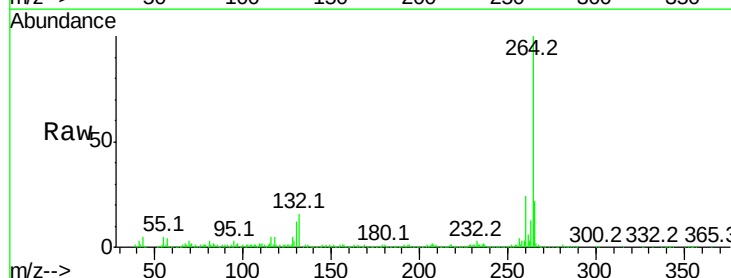
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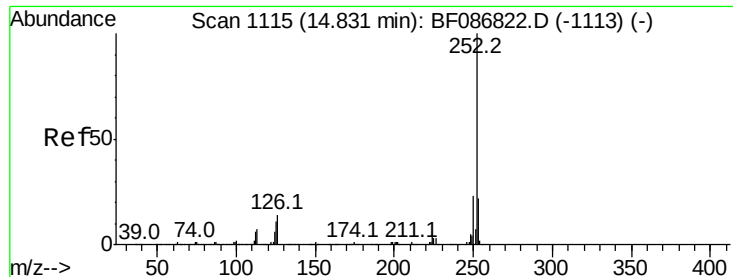
sohil
 5/10/2016 11:06:15 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF086848.D
 Acq: 10 May 2016 4:16

Tgt Ion:	264	Resp:	340784
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.5	29.3
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 4.32 ng

RT: 14.83 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF086848.D

Acq: 10 May 2016 4:16

Instrument :

BNA_F

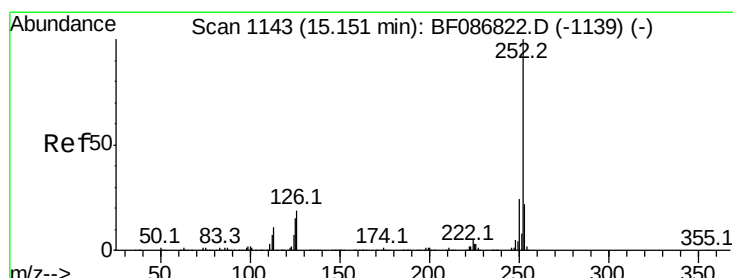
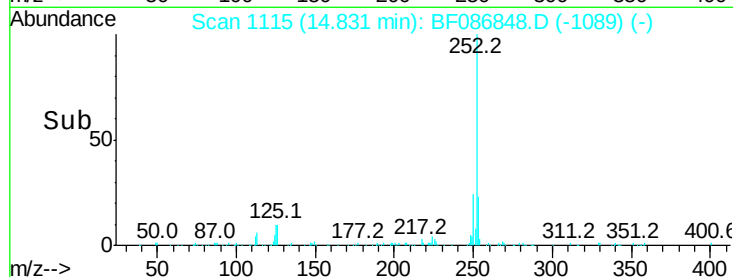
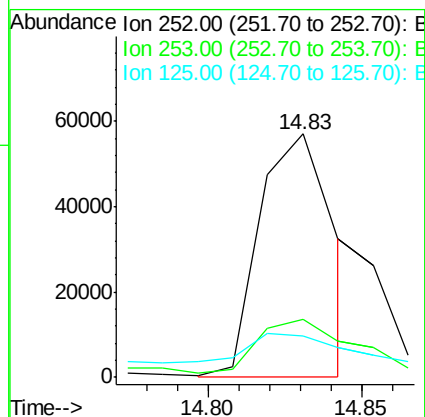
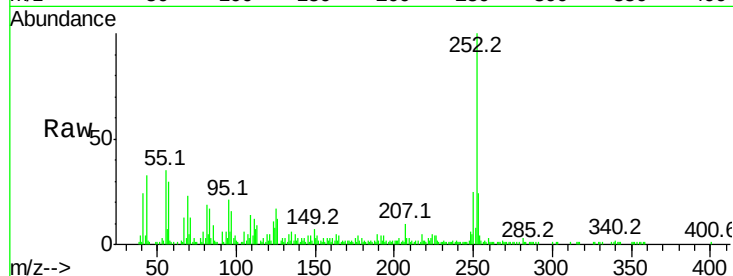
ClientSampleId :

TP15-3-5FT

Tot Ion:	252	Resp:	95745
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.6
125	17.0	11.4	17.0

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 3.57 ng

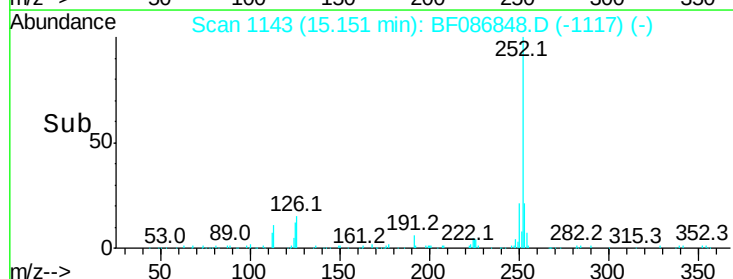
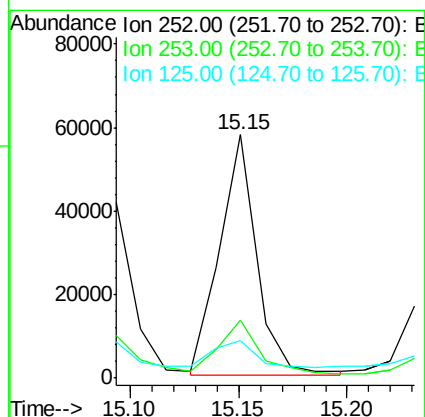
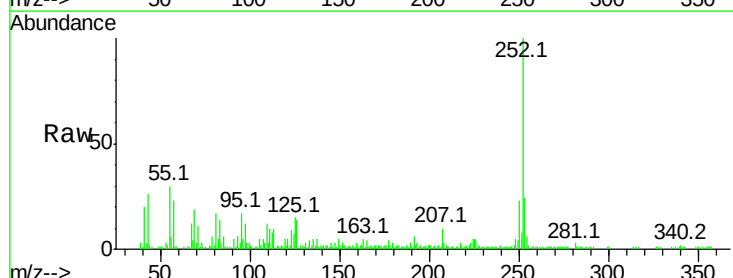
RT: 15.15 min Scan# 1143

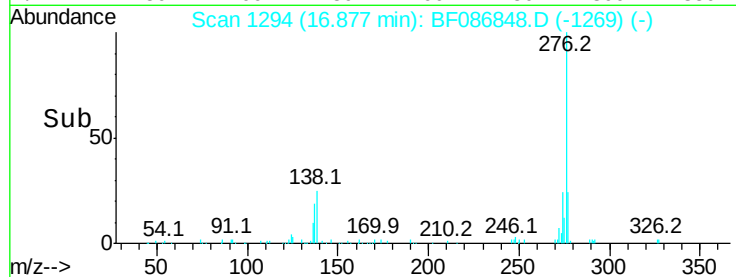
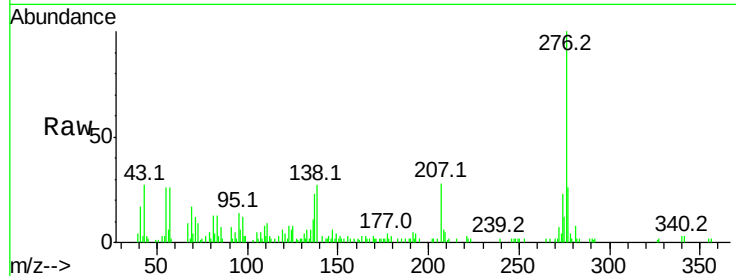
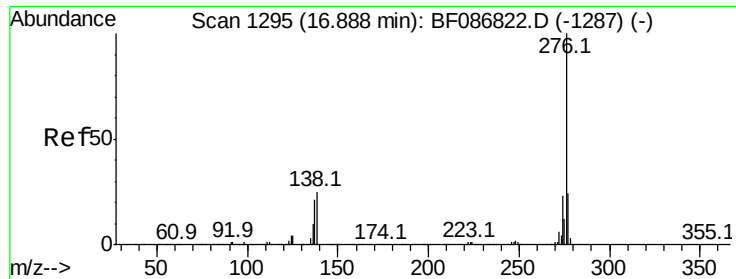
Delta R.T. -0.00 min

Lab File: BF086848.D

Acq: 10 May 2016 4:16

Tgt Ion:	252	Resp:	68244
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.2	25.8
125	15.3	9.0	13.6#





#91

Benzo(a,h,i)perylene

Concen: 2.53 ng

RT: 16.88 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF086848.D

Acq: 10 May 2016 4:16

Instrument :

BNA_F

ClientSampleId :

TP15-3-5FT

Tot Ion:	276	Resp:	41314
Ion Ratio		Lower	Upper
276	100		
277	26.3	19.6	29.4
138	26.9	23.6	35.4

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:15 AM

